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EC 742 PI (copy)

# Hogs and Pigs



USDA  
Washington, D.C.

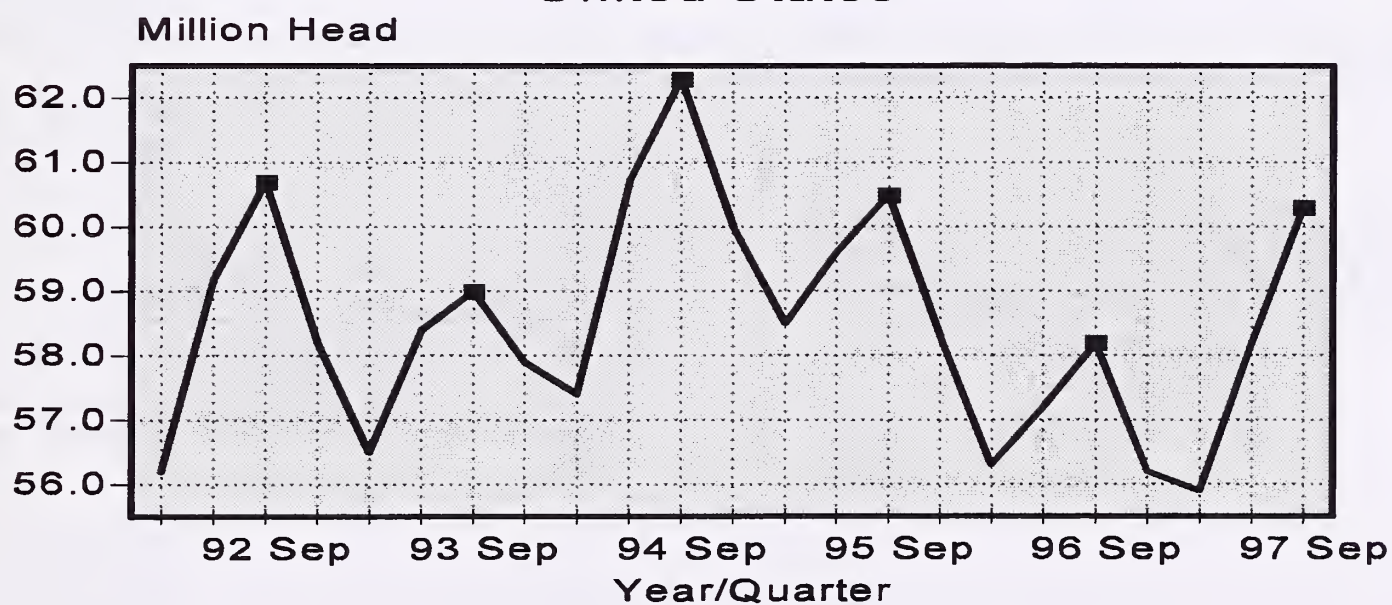
Released September 26, 1997, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Hogs and Pigs" call Mike Pallesen at (202) 720-3106, office hours 7:00 a.m. to 4:30 p.m. ET.

## U.S. Hog Inventory Up 4 Percent

U.S. inventory of all hogs and pigs on September 1, 1997, was 60.3 million head. This was 4 percent above both the September 1996 and June 1, 1997, inventories.

**Breeding inventory**, at 6.95 million head is up 3 percent from September 1, 1996 and virtually unchanged from June 1, 1997. **Market hog inventory**, at 53.3 million head was 4 percent above last year and last quarter.

## Quarterly Hogs and Pigs Inventory United States



**Notice:** The summary of 17 states on pages 6 and 7 will be discontinued after this report.

**The June-August 1997 U.S. pig crop** at 25.2 million head was 7 percent more than 1996 and 2 percent more than 1995. Sows farrowing during this period totaled 2.90 million head, 5 percent above last year. The sows farrowed during this quarter represented 42 percent of the breeding herd. The average pigs per litter continues to increase at a rapid pace, with an average of 8.70 pigs saved per litter for the June-August period. Last year the litter rate averaged 8.57 pigs per litter. Pigs saved per litter by size of operation ranged from 7.50 for operations with 1-99 hogs to 8.90 for operations with more than 2,000 hogs and pigs.

**U.S. hog producers** intend to have 2.89 million sows farrow during the September-November 1997 quarter, 7 percent above the actual farrowings during the same period last year, and 3 percent higher than 1995. Intended farrowings for December 1997-February 1998, at 2.88 million sows are 8 percent above 1997 and 5 percent above the 1996 period.

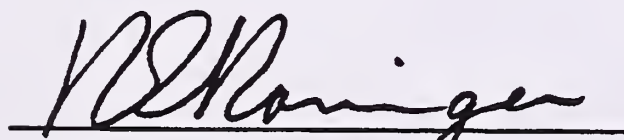
The total number of hogs under contract, owned by operations with over 5,000 head total inventory, but raised by contractees, accounted for 26 percent of the total U.S. hog inventory.


### Revisions

**All inventory and pig crop estimates** for 1996 were reviewed using final pig crop, official slaughter, import, and export data in U. S. level balance sheets. Based on the findings of this review, no revisions were made to the previous quarters estimates.

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This report was approved on September 26, 1997.

  
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Acting Secretary of  
Agriculture  
Richard E. Rominer

  
\_\_\_\_\_  
Agricultural Statistics Board  
Chairperson  
Rich Allen



**Hogs and Pigs: Inventory Number by Class, Weight Group,  
and Quarter, United States, 1995-97**

Item	1995	1996	1997	1997 as % of	
				1995	1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>
March 1 Inventory					
All Hogs and Pigs	58,465	56,340	55,900	96	99
Kept for Breeding	6,998	6,765	6,800	97	101
Market	51,467	49,575	49,100	95	99
Market Hogs and Pigs					
By Weight Groups					
Under 60 Pounds	19,251	18,790	18,660	97	99
60-119 Pounds	12,498	11,980	11,760	94	98
120-179 Pounds	10,594	10,095	10,040	95	99
180 Pounds and Over	9,124	8,710	8,640	95	99
June 1 Inventory					
All Hogs and Pigs	59,560	57,200	58,150	98	102
Kept for Breeding	7,180	6,870	6,950	97	101
Market	52,380	50,330	51,200	98	102
Market Hogs and Pigs					
By Weight Groups					
Under 60 Pounds	21,270	20,265	20,605	97	102
60-119 Pounds	13,060	12,700	12,890	99	101
120-179 Pounds	9,865	9,800	9,930	101	101
180 Pounds and Over	8,185	7,565	7,775	95	103
September 1 Inventory					
All Hogs and Pigs	60,540	58,200	60,250	100	104
Kept for Breeding	6,898	6,770	6,951	101	103
Market	53,642	51,430	53,299	99	104
Market Hogs and Pigs					
By Weight Groups					
Under 60 Pounds	20,235	19,330	20,409	101	106
60-119 Pounds	13,532	12,800	13,031	96	102
120-179 Pounds	10,985	10,600	10,864	99	102
180 Pounds and Over	8,890	8,700	8,995	101	103
December 1 Inventory					
All Hogs and Pigs	58,264	56,171			
Kept for Breeding	6,839	6,655			
Market	51,425	49,516			
Market Hogs and Pigs					
By Weight Groups					
Under 60 Pounds	18,881	18,414			
60-119 Pounds	12,808	12,239			
120-179 Pounds	10,702	10,315			
180 Pounds and Over	9,034	8,548			

**Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
United States, 1995-98**

Item	1995	1996	1997	1998	1997 as % of		1998 as % of 1997
					1995	1996	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Sows Farrowing							
Dec-Feb <sup>1 2</sup>	2,886	2,745	2,677	2,880	93	98	108
Mar-May	3,170	2,964	2,952		93	100	
Dec-May <sup>1</sup>	6,056	5,709	5,629		93	99	
Jun-Aug	2,976	2,761	2,898		97	105	
Sep-Nov <sup>3</sup>	2,815	2,717	2,894		103	107	
Jun-Nov <sup>4</sup>	5,791	5,478	5,792		100	106	
Pig Crop							
Dec-Feb <sup>1</sup>	23,851	23,054	23,069		97	100	
Mar-May	26,373	25,092	25,548		97	102	
Dec-May <sup>1</sup>	50,224	48,146	48,617		97	101	
Jun-Aug	24,813	23,667	25,209		102	107	
Sep-Nov	23,479	23,159					
Jun-Nov	48,292	46,826					
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>			
Pigs per Litter							
Dec-Feb <sup>1</sup>	8.27	8.40	8.62		104	103	
Mar-May	8.32	8.47	8.65		104	102	
Dec-May <sup>1</sup>	8.29	8.43	8.64		104	102	
Jun-Aug	8.34	8.57	8.70		104	102	
Sep-Nov	8.34	8.52					
Jun-Nov	8.34	8.55					

<sup>1</sup> December preceding year.

<sup>2</sup> Intentions for 1998.

<sup>3</sup> Intentions for 1997.

<sup>4</sup> Actual farrowings for June-August plus intentions for September-November.

**Pigs per Litter: By Size of Operation, United States, 1996-97**

Pig Crop	Pigs per Litter on Operations Having				
	1-99 Head	100-499 Hd	500-999 Hd	1,000-1,999 Hd	2,000+ Head
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1996					
Dec-Feb <sup>1</sup>	6.90	7.80	7.90	8.40	8.78
Mar-May	7.70	8.10	8.10	8.50	8.70
Jun-Aug	7.40	7.90	8.30	8.40	8.80
Sep-Nov	7.30	8.00	8.20	8.40	8.80
1997					
Dec-Feb <sup>1</sup>	7.20	7.70	8.10	8.40	8.70
Mar-May	7.60	7.90	8.20	8.40	8.80
Jun-Aug	7.50	7.90	8.10	8.50	8.90

<sup>1</sup> December preceding year.

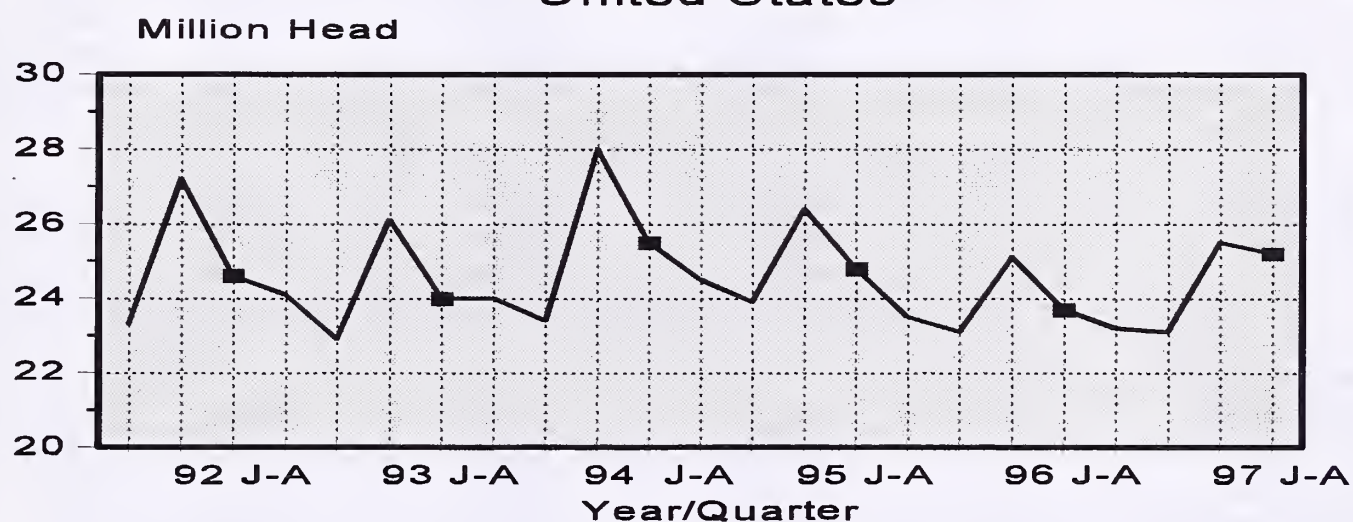


**Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop,  
United States December-November 1996-97 <sup>1</sup>**

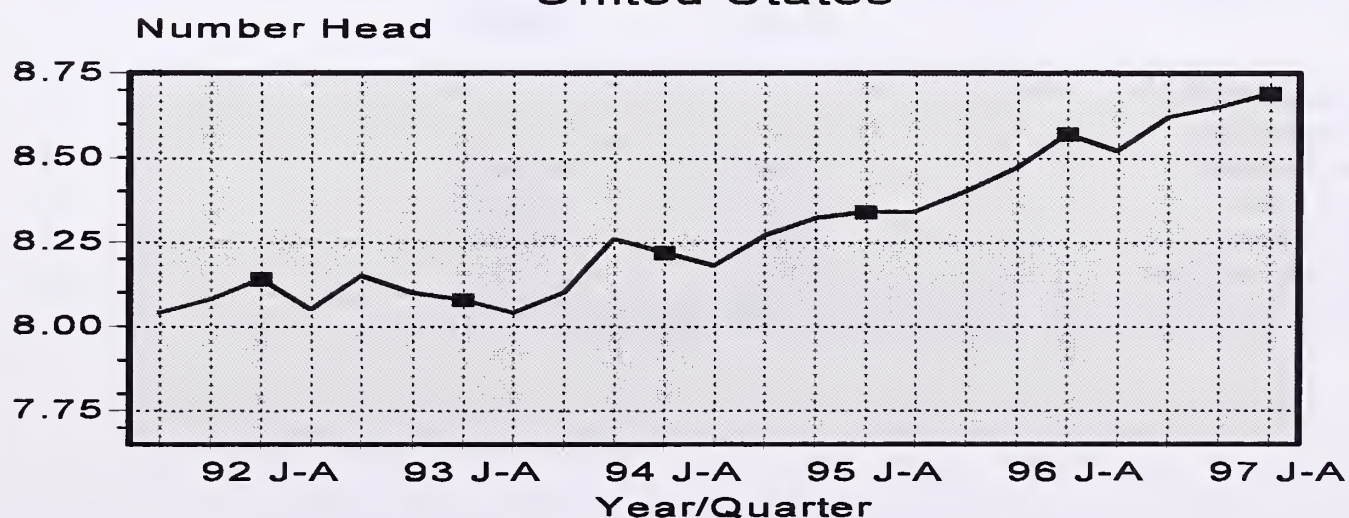
Month	Sows Farrowing		Pigs per Litter		Pig Crop	
	1996	1997	1996	1997	1996	1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
Dec <sup>1</sup>	925	888	8.29	8.49	7,671	7,535
Jan	861	873	8.40	8.67	7,231	7,565
Feb	959	916	8.50	8.70	8,152	7,969
Mar	972	955	8.49	8.56	8,251	8,175
Apr	970	1,002	8.43	8.68	8,181	8,700
May	1,022	995	8.47	8.71	8,660	8,668
Jun	923	980	8.46	8.63	7,805	8,457
Jul	908	970	8.65	8.71	7,850	8,450
Aug	930	951	8.62	8.73	8,012	8,300
Sep	890		8.37		7,450	
Oct	920		8.50		7,818	
Nov	907		8.70		7,891	
Total	11,187	8,530	8.50	8.64	94,972	73,819

<sup>1</sup> December preceding year.

**Pig Crop  
United States**



**Litter Rate  
United States**



**Hogs and Pigs: Inventory Number by Class, Weight Group,  
and Quarter, 17 States, 1995-97 <sup>1</sup>**

Item	1995	1996	1997	1997 as % of	
				1995	1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>
March 1 Inventory					
All Hogs and Pigs	54,070	51,940	51,730	96	100
Kept for Breeding	6,360	6,165	6,240	98	101
Market	47,710	45,775	45,490	95	99
Market Hogs and Pigs					
By Weight Groups					
Under 60 Pounds	17,750	17,340	17,260	97	100
60-119 Pounds	11,580	10,980	10,860	94	99
120-179 Pounds	9,900	9,345	9,350	94	100
180 Pounds and Over	8,480	8,110	8,020	95	99
June 1 Inventory					
All Hogs and Pigs	55,045	52,750	54,030	98	102
Kept for Breeding	6,515	6,220	6,350	97	102
Market	48,530	46,530	47,680	98	102
Market Hogs and Pigs					
By Weight Groups					
Under 60 Pounds	19,600	18,645	18,955	97	102
60-119 Pounds	12,010	11,660	11,940	99	102
120-179 Pounds	9,185	9,110	9,400	102	103
180 Pounds and Over	7,735	7,115	7,385	95	104
September 1 Inventory					
All Hogs and Pigs	55,920	53,700	55,870	100	104
Kept for Breeding	6,390	6,120	6,320	99	103
Market	49,530	47,580	49,550	100	104
Market Hogs and Pigs					
By Weight Groups					
Under 60 Pounds	18,475	17,720	18,850	102	106
60-119 Pounds	12,470	11,900	12,180	98	102
120-179 Pounds	10,265	9,850	10,110	98	103
180 Pounds and Over	8,320	8,110	8,410	101	104
December 1 Inventory					
All Hogs and Pigs	53,920	52,070			
Kept for Breeding	6,225	6,050			
Market	47,695	46,020			
Market Hogs and Pigs					
By Weight Groups					
Under 60 Pounds	17,505	17,160			
60-119 Pounds	11,910	11,405			
120-179 Pounds	9,930	9,580			
180 Pounds and Over	8,350	7,875			

<sup>1</sup> AR, GA, IL, IN, IA, KS, KY, MI, MN, MO, NE, NC, OH, OK, PA, SD, and WI.



**Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
17 States, 1995-98 <sup>1</sup>**

Item	1995	1996	1997	1998	1997 as % of		1998 as % of 1997
					1995	1996	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Sows Farrowing							
Dec-Feb <sup>2 3</sup>	2,645	2,525	2,467	2,649	93	98	107
Mar-May	2,912	2,714	2,702		93	100	
Dec-May <sup>2</sup>	5,557	5,239	5,169		93	99	
Jun-Aug	2,730	2,525	2,661		97	105	
Sep-Nov <sup>4</sup>	2,585	2,492	2,665		103	107	
Jun-Nov <sup>5</sup>	5,315	5,017	5,326		100	106	
Pig Crop							
Dec-Feb <sup>2</sup>	21,927	21,272	21,305		97	100	
Mar-May	24,304	23,042	23,448		96	102	
Dec-May <sup>2</sup>	46,231	44,314	44,753		97	101	
Jun-Aug	22,818	21,653	23,207		102	107	
Sep-Nov	21,600	21,279					
Jun-Nov	44,418	42,932					
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>			
Pigs per Litter							
Dec-Feb <sup>2</sup>	8.29	8.42	8.64		104	103	
Mar-May	8.35	8.49	8.68		104	102	
Dec-May <sup>2</sup>	8.32	8.46	8.66		104	102	
Jun-Aug	8.36	8.58	8.72		104	102	
Sep-Nov	8.36	8.54					
Jun-Nov	8.36	8.56					

<sup>1</sup> AR, GA, IL, IN, IA, KS, KY, MI, MN, MO, NE, NC, OH, OK, PA, SD, and WI.

<sup>2</sup> December preceding year.

<sup>3</sup> Intentions for 1998.

<sup>4</sup> Intentions for 1997.

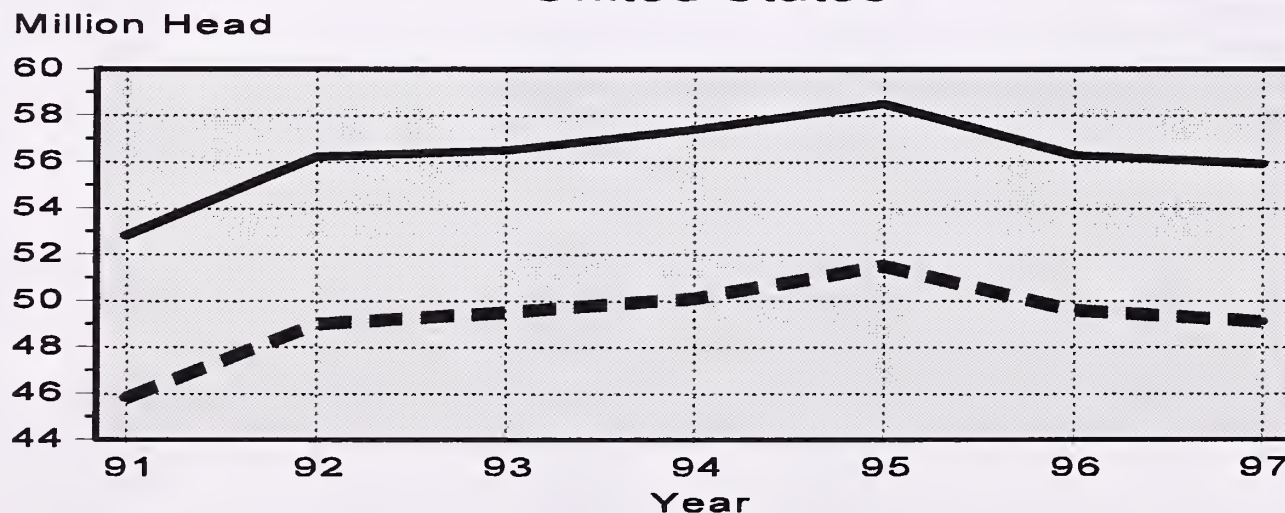
<sup>5</sup> Actual farrowings for June-August plus intentions for September-November.

**Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, March 1, 1996-97**

State	Breeding			Market			Total		
	1996	1997		1996	1997		1996	1997	
		Number	as % of 1996		Number	as % of 1996		Number	as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	115	110	96	675	750	111	790	860	109
GA	130	105	81	770	695	90	900	800	89
IL	580	550	95	4,170	3,850	92	4,750	4,400	93
IN	470	450	96	3,430	3,150	92	3,900	3,600	92
IA	1,270	1,300	102	11,230	10,800	96	12,500	12,100	97
KS	160	180	113	1,040	1,180	113	1,200	1,360	113
KY	95	80	84	635	520	82	730	600	82
MI	150	130	87	850	820	96	1,000	950	95
MN	550	600	109	4,250	4,400	104	4,800	5,000	104
MO	480	460	96	2,870	2,840	99	3,350	3,300	99
NE	440	450	102	3,260	3,100	95	3,700	3,550	96
NC	935	1,050	112	7,465	8,450	113	8,400	9,500	113
OH	230	200	87	1,420	1,250	88	1,650	1,450	88
OK	160	180	113	890	1,190	134	1,050	1,370	130
PA	110	120	109	930	850	91	1,040	970	93
SD	170	160	94	1,150	970	84	1,320	1,130	86
WI	120	115	96	740	675	91	860	790	92
Oth Sts <sup>1</sup>	600	560	93	3,800	3,610	95	4,400	4,170	95
US	6,765	6,800	101	49,575	49,100	99	56,340	55,900	99

<sup>1</sup> Individual State estimates not available for the 33 other States.

**March 1 Hog Inventory & Market Hogs  
United States**



**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, March 1, 1996-97**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. And Over	
	1996	1997	1996	1997	1996	1997	1996	1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	310	260	145	175	135	170	85	145
GA	305	275	200	180	170	150	95	90
IL	1,520	1,400	980	900	900	870	770	680
IN	1,250	1,170	880	790	680	640	620	550
IA	3,800	3,700	2,830	2,820	2,450	2,280	2,150	2,000
KS	405	490	240	235	210	210	185	245
KY	245	205	160	130	125	105	105	80
MI	275	270	210	205	190	190	175	155
MN	1,660	1,640	1,020	1,080	870	910	700	770
MO	1,210	1,260	650	630	570	550	440	400
NE	1,280	1,250	800	760	630	590	550	500
NC	3,050	3,400	1,680	1,920	1,400	1,680	1,335	1,450
OH	590	560	340	260	300	290	190	140
OK	380	410	155	200	135	190	220	390
PA	345	330	225	220	195	170	165	130
SD	430	375	275	220	240	200	205	175
WI	285	265	190	165	145	125	120	120
Oth Sts <sup>1</sup>	1,450	1,400	1,000	870	750	720	600	620
US	18,790	18,660	11,980	11,760	10,095	10,040	8,710	8,640

<sup>1</sup> Individual State estimates not available for the 33 other States.

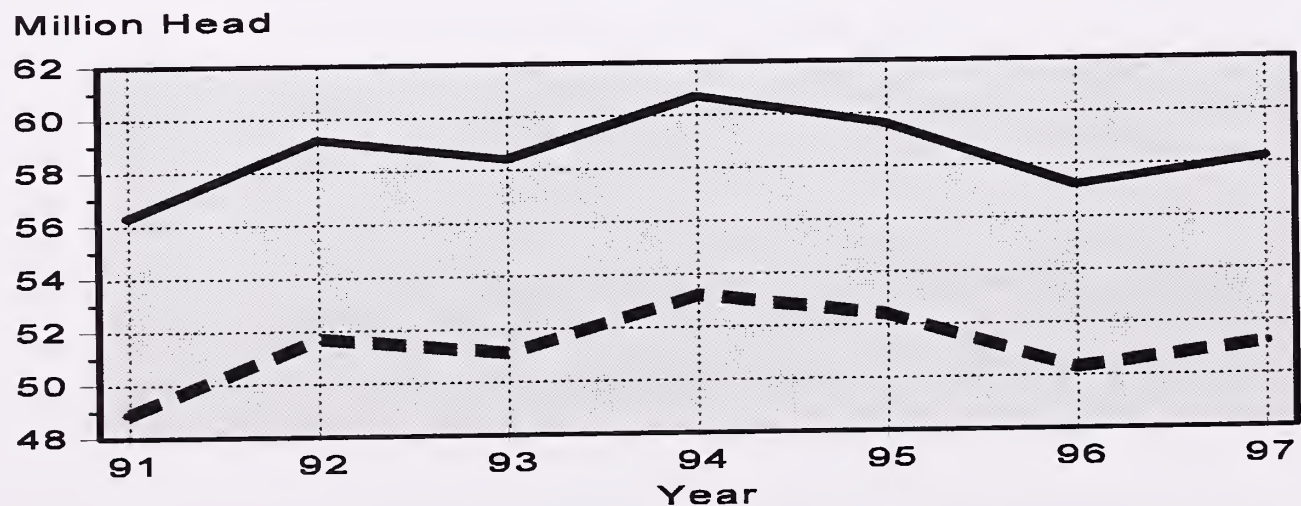


**Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, June 1, 1996-97**

State	Breeding			Market			Total		
	1996	1997		1996	1997		1996	1997	
		Number	as % of 1996		Number	as % of 1996		Number	as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	115	105	660	795	120	770	910	118
GA	110	105	95	760	695	91	870	800	92
IL	580	560	97	4,120	3,940	96	4,700	4,500	96
IN	460	440	96	3,390	3,210	95	3,850	3,650	95
IA	1,300	1,340	103	11,500	11,360	99	12,800	12,700	99
KS	180	180	100	1,140	1,200	105	1,320	1,380	105
KY	85	75	88	565	525	93	650	600	92
MI	140	150	107	960	950	99	1,100	1,100	100
MN	550	610	111	4,200	4,590	109	4,750	5,200	109
MO	570	460	81	2,980	3,140	105	3,550	3,600	101
NE	450	450	100	3,350	3,250	97	3,800	3,700	97
NC	950	1,050	111	7,950	8,750	110	8,900	9,800	110
OH	210	210	100	1,290	1,390	108	1,500	1,600	107
OK	160	210	131	990	1,290	130	1,150	1,500	130
PA	110	115	105	910	875	96	1,020	990	97
SD	140	165	118	1,060	1,025	97	1,200	1,190	99
WI	115	115	100	705	695	99	820	810	99
Oth Sts <sup>1</sup>	650	600	92	3,800	3,520	93	4,450	4,120	93
US	6,870	6,950	101	50,330	51,200	102	57,200	58,150	102

<sup>1</sup> Individual State estimates not available for the the 33 other States.

**June 1 Hog Inventory & Market Hogs  
United States**



**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, June 1, 1996-97**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. And Over	
	1996	1997	1996	1997	1996	1997	1996	1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	300	250	150	190	110	205	100	150
GA	310	270	200	185	160	150	90	90
IL	1,600	1,580	1,070	980	860	790	590	590
IN	1,270	1,220	870	780	670	640	580	570
IA	4,450	4,350	3,080	3,130	2,290	2,200	1,680	1,680
KS	450	495	290	290	230	235	170	180
KY	230	210	145	130	110	105	80	80
MI	475	430	195	200	165	190	125	130
MN	1,640	1,780	1,040	1,160	840	950	680	700
MO	1,370	1,470	690	700	530	570	390	400
NE	1,420	1,350	840	830	600	590	490	480
NC	3,070	3,400	1,920	2,170	1,630	1,830	1,330	1,350
OH	600	640	310	340	240	260	140	150
OK	420	470	190	210	150	200	230	410
PA	330	320	230	220	190	180	160	155
SD	430	430	260	255	200	180	170	160
WI	280	290	180	170	135	125	110	110
Oth Sts <sup>1</sup>	1,620	1,650	1,040	950	690	530	450	390
US	20,265	20,605	12,700	12,890	9,800	9,930	7,565	7,775

<sup>1</sup> Individual State estimates not available for the 33 other States.

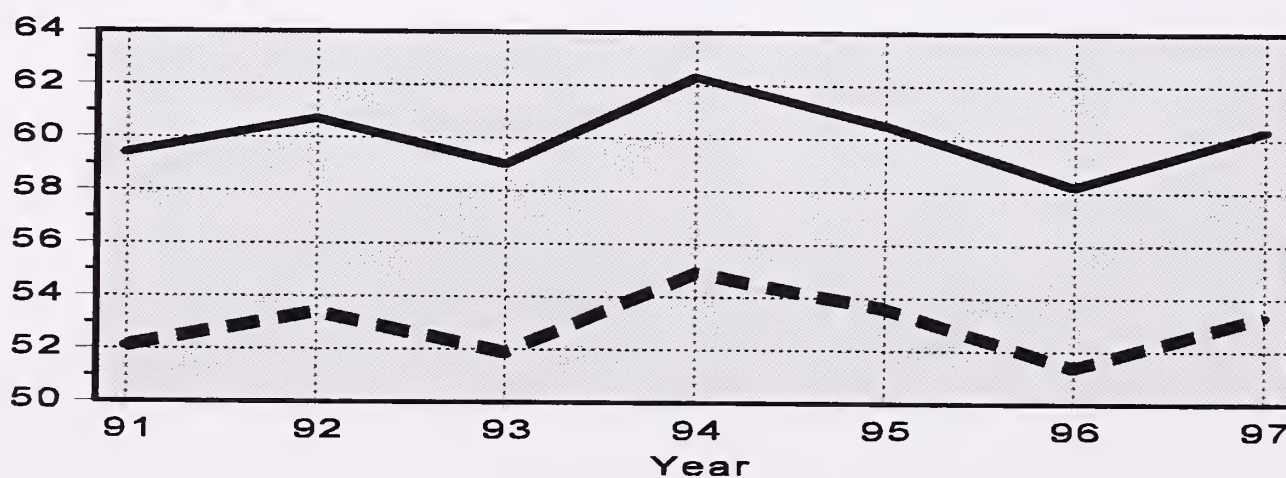
**Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, September 1, 1996-97**

State	Breeding			Market			Total		
	1996	1997		1996	1997		1996	1997	
		Number	as % of 1996		Number	as % of 1996		Number	as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	115	105	725	785	108	835	900	108
GA	115	100	87	755	690	91	870	790	91
IL	560	530	95	4,140	4,070	98	4,700	4,600	98
IN	450	450	100	3,350	3,400	101	3,800	3,850	101
IA	1,250	1,350	108	11,750	12,450	106	13,000	13,800	106
KS	185	190	103	1,365	1,240	91	1,550	1,430	92
KY	85	75	88	550	525	95	635	600	94
MI	125	140	112	1,005	1,010	100	1,130	1,150	102
MN	560	620	111	4,340	4,780	110	4,900	5,400	110
MO	520	440	85	3,030	3,160	104	3,550	3,600	101
NE	450	450	100	3,250	3,200	98	3,700	3,650	99
NC	980	1,050	107	8,320	8,950	108	9,300	10,000	108
OH	220	200	91	1,330	1,300	98	1,550	1,500	97
OK	160	210	131	1,070	1,370	128	1,230	1,580	128
PA	105	120	114	895	880	98	1,000	1,000	100
SD	130	160	123	1,010	1,030	102	1,140	1,190	104
WI	115	120	104	695	710	102	810	830	102
Oth Sts <sup>1</sup>	650	631	97	3,850	3,749	97	4,500	4,380	97
US	6,770	6,951	103	51,430	53,299	104	58,200	60,250	104

<sup>1</sup> Individual State estimates not available for the 33 other States.

## September 1 Hog Inventory & Market Hogs United States

Million Head





**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, September 1, 1996-97**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. And Over	
	1996	1997	1996	1997	1996	1997	1996	1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	270	260	175	190	145	195	135	140
GA	300	270	185	175	150	150	120	95
IL	1,450	1,430	1,020	980	890	860	780	800
IN	1,190	1,190	870	850	730	740	560	620
IA	3,750	4,220	3,350	3,450	2,550	2,630	2,100	2,150
KS	575	530	285	240	275	230	230	240
KY	225	215	145	130	100	100	80	80
MI	325	350	290	275	210	205	180	180
MN	1,700	1,920	1,060	1,170	840	950	740	740
MO	1,330	1,460	660	650	600	560	440	490
NE	1,350	1,330	790	780	660	650	450	440
NC	3,280	3,560	1,910	2,080	1,730	1,870	1,400	1,440
OH	560	580	320	320	250	240	200	160
OK	440	490	190	240	185	230	255	410
PA	325	350	220	220	190	165	160	145
SD	375	405	260	255	210	200	165	170
WI	275	290	170	175	135	135	115	110
Oth Sts <sup>1</sup>	1,610	1,559	900	851	750	754	590	585
US	19,330	20,409	12,800	13,031	10,600	10,864	8,700	8,995

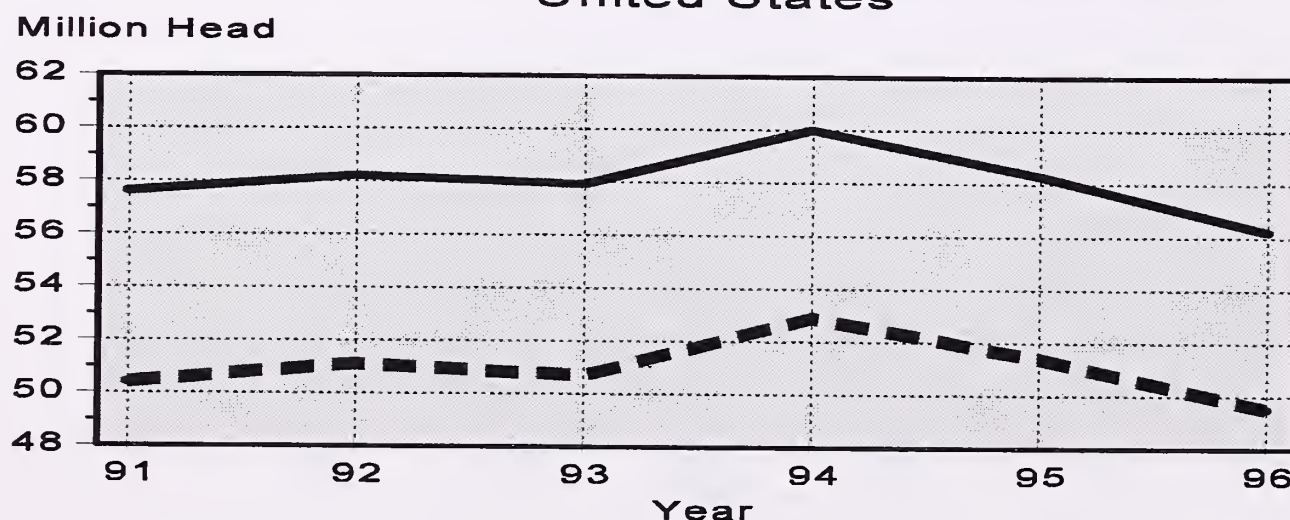
<sup>1</sup> Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, December 1, 1995-96**

State	Breeding			Market			Total		
	1995	1996		1995	1996		1995	1996	
		Number	as % of 1995		Number	as % of 1995		Number	as % of 1995
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	110	100	680	715	105	790	825	104
GA	125	110	88	775	690	89	900	800	89
IL	550	520	95	4,250	3,880	91	4,800	4,400	92
IN	460	460	100	3,540	3,290	93	4,000	3,750	94
IA	1,350	1,250	93	12,050	10,950	91	13,400	12,200	91
KS	150	190	127	1,080	1,260	117	1,230	1,450	118
KY	110	85	77	690	540	78	800	625	78
MI	140	125	89	960	875	91	1,100	1,000	91
MN	550	540	98	4,400	4,310	98	4,950	4,850	98
MO	480	450	94	3,070	3,050	99	3,550	3,500	99
NE	500	450	90	3,550	3,150	89	4,050	3,600	89
NC	890	1,000	112	7,310	8,300	114	8,200	9,300	113
OH	240	210	88	1,560	1,290	83	1,800	1,500	83
OK	160	170	106	840	1,150	137	1,000	1,320	132
PA	105	105	100	895	845	94	1,000	950	95
SD	180	155	86	1,270	1,045	82	1,450	1,200	83
WI	125	120	96	775	680	88	900	800	89
Oth Sts <sup>1</sup>	614	605	99	3,730	3,496	94	4,344	4,101	94
US	6,839	6,655	97	51,425	49,516	96	58,264	56,171	96

<sup>1</sup> Individual State estimates not available for the 33 other States.

**December 1 Hog Inventory & Market Hogs  
United States**



**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, December 1, 1995-96**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. And Over	
	1995	1996	1995	1996	1995	1996	1995	1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	330	255	150	170	140	150	60	140
GA	280	250	220	195	170	145	105	100
IL	1,470	1,380	1,070	960	920	840	790	700
IN	1,180	1,150	935	840	750	725	675	575
IA	4,250	3,850	3,050	2,900	2,600	2,300	2,150	1,900
KS	360	510	290	280	235	250	195	220
KY	270	215	180	135	135	105	105	85
MI	305	285	225	200	235	210	195	180
MN	1,640	1,590	1,090	1,070	900	890	770	760
MO	1,330	1,300	700	680	480	560	560	510
NE	1,350	1,200	930	830	740	650	530	470
NC	2,750	3,250	1,750	1,950	1,550	1,750	1,260	1,350
OH	590	570	400	300	340	280	230	140
OK	370	420	155	220	110	210	205	300
PA	300	290	235	220	195	175	165	160
SD	430	375	330	280	280	210	230	180
WI	300	270	200	175	150	130	125	105
Oth Sts <sup>1</sup>	1,376	1,254	898	834	772	735	684	673
US	18,881	18,414	12,808	12,239	10,702	10,315	9,034	8,548

<sup>1</sup> Individual State estimates not available for the 33 other States.



**Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop  
by State and United States, December-February 1996-98 <sup>1</sup>**

State	Sows Farrowing				Pigs Per Litter		Pig Crop <sup>2</sup>		
	1996	1997	1998 <sup>3</sup>		1996	1997	1996	1997	
			Number	as % of 1997				Number	as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	54	52	56	108	9.10	8.50	491	442	90
GA	42	38	36	95	8.00	8.05	336	306	91
IL	210	200	200	100	8.20	8.50	1,722	1,700	99
IN	200	180	190	106	8.20	8.50	1,640	1,530	93
IA	535	460	500	109	8.25	8.50	4,414	3,910	89
KS	62	80	90	113	8.20	9.10	508	728	143
KY	38	31	31	100	8.10	8.30	308	257	83
MI	40	40	52	130	8.20	8.40	328	336	102
MN	240	230	250	109	8.80	8.70	2,112	2,001	95
MO	180	180	180	100	8.00	8.60	1,440	1,548	108
NE	175	175	180	103	8.50	8.45	1,488	1,479	99
NC	450	500	525	105	8.75	8.90	3,938	4,450	113
OH	80	75	86	115	8.20	8.30	656	623	95
OK	62	78	110	141	9.20	9.50	570	741	130
PA	44	44	50	114	8.60	8.50	378	374	99
SD	65	60	65	108	8.60	8.50	559	510	91
WI	48	44	48	109	8.00	8.40	384	370	96
Oth Sts <sup>4</sup>	220	210	231	110	8.10	8.40	1,782	1,764	99
US	2,745	2,677	2,880	108	8.40	8.62	23,054	23,069	100

<sup>1</sup> December preceding year.

<sup>2</sup> Number of pigs born December-February that were still on hand March 1, or had been sold.

<sup>3</sup> Intentions.

<sup>4</sup> Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, March-May 1996-97**

State	Sows Farrowing			Pigs per Litter		Pig Crop <sup>1</sup>		
	1996	1997				1996	1997	
		Number	as % of 1996	1996	Number		as % of 1996	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	57	60	105	8.50	8.30	485	498	103
GA	45	38	84	8.45	8.35	380	315	83
IL	250	240	96	8.40	8.40	2,100	2,016	96
IN	195	180	92	8.30	8.40	1,619	1,512	93
IA	570	520	91	8.40	8.60	4,788	4,472	93
KS	70	90	129	8.40	9.20	588	828	141
KY	34	31	91	8.25	8.50	281	264	94
MI	65	60	92	8.10	8.40	527	504	96
MN	245	250	102	8.70	8.85	2,132	2,213	104
MO	200	200	100	8.40	8.80	1,680	1,760	105
NE	195	185	95	8.50	8.50	1,658	1,573	95
NC	460	515	112	8.70	8.90	4,002	4,584	115
OH	88	85	97	8.25	8.40	726	714	98
OK	76	87	114	9.50	9.50	722	827	115
PA	44	45	102	8.40	8.60	370	387	105
SD	74	70	95	8.20	8.40	607	588	97
WI	46	46	104	8.20	8.50	377	391	104
Oth Sts <sup>2</sup>	250	250	100	8.20	8.40	2,050	2,100	102
US	2,964	2,952	100	8.47	8.65	25,092	25,548	102

<sup>1</sup> Number of pigs born March-May that were still on hand June 1, or had been sold.

<sup>2</sup> Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, June-August 1996-97**

State	Sows Farrowing			Pigs per Litter		Pig Crop <sup>1</sup>		
	1996	1997		1996	1997	1996	1997	
		Number	as % of 1996				Number	as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	54	58	107	8.50	8.60	459	499	109
GA	43	37	86	8.40	8.40	361	311	86
IL	220	220	100	8.50	8.40	1,870	1,848	99
IN	185	185	100	8.30	8.40	1,536	1,554	101
IA	500	520	104	8.50	8.70	4,250	4,524	106
KS	81	90	111	8.80	9.20	713	828	116
KY	33	31	94	8.25	8.30	272	257	94
MI	52	54	104	8.30	8.70	432	470	109
MN	235	255	109	8.70	8.85	2,045	2,257	110
MO	180	190	106	8.60	8.90	1,548	1,691	109
NE	165	165	100	8.55	8.55	1,411	1,411	100
NC	470	515	110	8.75	8.90	4,113	4,584	111
OH	85	85	100	8.20	8.30	697	706	101
OK	79	98	124	9.30	9.40	735	921	125
PA	42	46	110	8.50	8.70	357	400	112
SD	56	65	116	8.50	8.40	476	546	115
WI	45	47	104	8.40	8.50	378	400	106
Oth Sts <sup>2</sup>	236	237	100	8.53	8.45	2,014	2,002	99
US	2,761	2,898	105	8.57	8.70	23,667	25,209	107

<sup>1</sup> Number of pigs born June-August that were still on hand September 1, or had been sold.

<sup>2</sup> Individual State estimates not available for the 33 other States.



**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, September-November 1995-97**

State	Sows Farrowing				Pigs per Litter		Pig Crop <sup>1</sup>		
	1995	1996	1997 <sup>2</sup>		1995	1996	1995	1996	
			Number	as % of 1996				Number	as % of 1995
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	50	52	56	108	9.30	8.40	465	437	94
GA	40	35	35	100	8.35	8.30	334	291	87
IL	230	220	220	100	8.00	8.35	1,840	1,837	100
IN	185	180	180	100	8.20	8.35	1,517	1,503	99
IA	570	480	520	108	8.25	8.45	4,703	4,056	86
KS	57	85	95	112	8.30	9.00	473	765	162
KY	42	32	31	97	8.10	8.30	340	266	78
MI	45	45	55	122	8.00	8.10	360	365	101
MN	240	225	245	109	8.70	8.80	2,088	1,980	95
MO	210	185	185	100	8.30	8.40	1,743	1,554	89
NE	190	170	175	103	8.45	8.40	1,606	1,428	89
NC	420	475	520	109	8.55	8.75	3,591	4,156	116
OH	87	80	78	98	8.00	8.30	696	664	95
OK	63	78	105	135	9.00	9.50	567	741	131
PA	40	41	50	122	8.50	8.40	340	344	101
SD	70	65	65	100	8.20	8.25	574	536	93
WI	46	44	50	114	7.90	8.10	363	356	98
Oth Sts <sup>3</sup>	230	225	229	102	8.16	8.34	1,879	1,880	100
US	2,815	2,717	2,894	107	8.34	8.52	23,479	23,159	99

<sup>1</sup> Number of pigs born September-November that were still on hand December 1, or had been sold.

<sup>2</sup> Intentions.

<sup>3</sup> Individual State estimates not available for the 33 other States.

## Reliability of September 1 Hogs and Pigs Estimates

**Survey Procedures:** A random sample of 14,663 U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 12,361 operations, 84.3 percent of the total sample, during the first-half of September by mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of September 1.

**Estimation Procedures:** These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

**Revision Policy:** Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous four quarters are subject to revision when current estimates are made. In December, estimates for all quarters of the current and previous year are reviewed. The reviews are primarily based on hog check-off receipts and slaughter. Estimates will also be reviewed after data from the Department of Agriculture five-year Census of Agriculture are available. No revisions will be made after that date.

**Reliability:** Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplication, and mistakes in reporting, recording, and processing the data. The affects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the following table. The "**Root Mean Square Error**" is a statistical measure based on past performance and is computed using the difference between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 1.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 60.3 million head by more than 1.9 percent, or about 1,145,000 head. Chances are 9 out of 10 that the difference will not exceed 3.2 percent, or about 1,926,000 head (the 90 percent confidence level).

**Reliability of September 1 Hog Estimates <sup>1</sup>**

Item	Root Mean Square Error	90% Confidence Level		Difference Between First and Final Estimates <sup>1</sup>			Number of Quarters	
		Percent	(000) Head	Average	Smallest	Largest	First Above Final	First Below Final
	<i>Percent</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>
All Hogs & Pigs <sup>2</sup>	1.9	3.2	1,926	817	0	2,220	9	7
Pig Crop	2.9	5.0	1,260	545	0	1,428	9	8
Expected Farrowings								
Next Quarter	3.9	6.7	195	95	6	237	16	4
Following Quarter	5.4	9.3	284	130	12	346	15	5

<sup>1</sup> Based on quarterly records for the past 20 quarters.

<sup>2</sup> No change was recorded in some quarters.



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The next "**Hogs and Pigs**" report will be released at 3 p.m. ET on December 29, 1997.

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